

SEQUENCE LISTING

<110> Holloway, James L.
 Webster, Philippa J.
 Thayer, Edward C.

<120> Mammalian Glycoprotein Hormone-1

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<150> US 09/943,388

<150> 2001-08-30

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<150> 2001-04-20

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gct ggc tat ggc tgt gtc ctc ggt gcc tcc agt ggg aac ctg cgc acc	96
Ala Gly Tyr Gly Cys Val Leu Gly Ala Ser Ser Gly Asn Leu Arg Thr	
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ttt gtg ggc tgt gcc gtg agg gag ttt act ttc ctg gcc aag aag cca	144
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gag	acc	tgg	gag	aaa	ccc	att	ctg	gaa	ccc	ccc	tat	att	gaa	gcc	cat		240
Glu	Thr	Trp	Glu	Lys	Pro	Ile	Leu	Glu	Pro	Pro	Tyr	Ile	Glu	Ala	His		
	65				70				75						80		
cat	cga	gtc	tgt	acc	tac	aac	gag	acc	aaa	cag	gtg	act	gtc	aag	ctg		288
His	Arg	Val	Cys	Thr	Tyr	Asn	Glu	Thr	Lys	Gln	Val	Thr	Val	Lys	Leu		
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ccc	aac	tgt	gcc	ccg	gga	gtc	gac	ccc	ttc	tac	acc	tat	ccc	gtg	gcc		336
Pro	Asn	Cys	Ala	Pro	Gly	Val	Asp	Pro	Phe	Tyr	Thr	Tyr	Pro	Val	Ala		
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Ile	Arg	Cys	Asp	Cys	Gly	Ala	Cys	Ser	Thr	Ala	Thr	Thr	Glu	Cys	Glu		
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Glu	Thr	Trp	Glu	Lys	Pro	Ile	Leu	Glu	Pro	Pro	Tyr	Ile	Glu	Ala	His		
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His Arg Val Cys Thr Tyr Asn Glu Thr Lys Gln Val Thr Val Lys Leu
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 Pro Asn Cys Ala Pro Gly Val Asp Pro Phe Tyr Thr Tyr Pro Val Ala
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gct ggc tat ggc tgt gtc ctc ggt gcc tcc agt ggg aac ctg cgc acc 96
Ala Gly Tyr Gly Cys Val Leu Gly Ala Ser Ser Gly Asn Leu Arg Thr
20 25 30

ttt gtg ggc tgt gcc gtg agg gag ttt act ttc ctg gcc aag aag cca 144

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Gly Cys Arg Gly Leu Arg Ile Thr Thr Asp Ala Cys Trp Gly Arg Cys	
50 55 60	
gag acc tgg gag aaa ccc att ctg gaa ccc ccc tat att gaa gcc cat	240
Glu Thr Trp Glu Lys Pro Ile Leu Glu Pro Pro Tyr Ile Glu Ala His	
65 70 75 80	
cat cga gtc tgt acc tac aac gag acc aaa cag gtg act gtc aag ctg	288
His Arg Val Cys Thr Tyr Asn Glu Thr Lys Gln Val Thr Val Lys Leu	
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ccc aac tgt gcc ccg gga gtc gac ccc ttc tac acc tat ccc gtg gcc	336
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Ile Arg Cys Asp Cys Gly Ala Cys Ser Thr Ala Thr Thr Glu Cys Glu	
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Thr Ile	
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 35           40           45
Gly Cys Arg Gly Leu Arg Ile Thr Thr Asp Ala Cys Trp Gly Arg Cys
 50           55           60
Glu Thr Trp Glu Lys Pro Ile Leu Glu Pro Pro Tyr Ile Glu Ala His
 65           70           75           80
His Arg Val Cys Thr Tyr Asn Glu Thr Lys Gln Val Thr Val Lys Leu
 85           90           95
Pro Asn Cys Ala Pro Gly Val Asp Pro Phe Tyr Thr Tyr Pro Val Ala
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Thr Ile
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Tyr Tyr Arg Lys Tyr Ala Ala Ile Phe Leu Val Thr Leu Ser Val Phe
 5           10           15

ctg cat gtt ctc cat tcc gct cct gat gtg cag gat tgc cca gaa tgc      152
Leu His Val Leu His Ser Ala Pro Asp Val Gln Asp Cys Pro Glu Cys
 20           25           30

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 35 40 45 50

cag tgc atg ggc tgc tgc ttc tct aga gca tat ccc act cca cta agg 248
 Gln Cys Met Gly Cys Cys Phe Ser Arg Ala Tyr Pro Thr Pro Leu Arg
 55 60 65

tcc aag aag acg atg ttg gtc caa aag aac gtc acc tca gag tcc act 296
 Ser Lys Lys Thr Met Leu Val Gln Lys Asn Val Thr Ser Glu Ser Thr
 70 75 80

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 Cys Cys Val Ala Lys Ser Tyr Asn Arg Val Thr Val Met Gly Gly Phe
 85 90 95

aaa gtg gag aac cac acg gcg tgc cac tgc agt act tgt tat tat cac 392
 Lys Val Glu Asn His Thr Ala Cys His Cys Ser Thr Cys Tyr Tyr His
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 Lys Ser
 115

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 accactttga cacgcttcaa ggatatactg cagcttttact gccttcctcc ttatcctaca 568
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<213> Homo sapiens

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 35 40 45
 Ile Leu Gln Cys Met Gly Cys Cys Phe Ser Arg Ala Tyr Pro Thr Pro
 50 55 60

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Ser	Thr	Cys	Cys	Val	Ala	Lys	Ser	Tyr	Asn	Arg	Val	Thr	Val	Met	Gly
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Tyr	His	Lys	Ser												
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			20					25					30		
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	50					55				60					
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 20 25 30

Pro Asn Cys Ala Pro Gly Val Asp Pro Phe Tyr Thr Tyr Pro Val Ala
 35 40 45
 Ile Arg Cys Asp
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 20 25 30

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 Ile Leu Glu Pro Pro Tyr Ile Glu
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1 5 10 15

ggt ggc cct gac tct gtc ctc agc agc tcc agt ggg aac ctg cac act 96
Gly Gly Pro Asp Ser Val Leu Ser Ser Ser Ser Gly Asn Leu His Thr
20 25 30

ttt gtg ggc tgt gct gtg agg gaa ttc act ttc atg gcc aag aag cca 144
Phe Val Gly Cys Ala Val Arg Glu Phe Thr Phe Met Ala Lys Lys Pro
35 40 45

ggc tgc agg gga ctt cgg atc acc aca gat gcc tgc tgg ggc cgc tgc 192
Gly Cys Arg Gly Leu Arg Ile Thr Thr Asp Ala Cys Trp Gly Arg Cys
50 55 60

gag acc tgg gag aaa ccc atc ctg gag cct ccc tac att gaa gcc tat 240
Glu Thr Trp Glu Lys Pro Ile Leu Glu Pro Pro Tyr Ile Glu Ala Tyr
65 70 75 80

cat cga gtg tgt aca tac aat gag acc aga cag gtg aca gtg aag ctg 288
His Arg Val Cys Thr Tyr Asn Glu Thr Arg Gln Val Thr Val Lys Leu
85 90 95

cct aac tgt gcc cct gga gtc gat cct ttc tac acc tac cct atg gct 336
Pro Asn Cys Ala Pro Gly Val Asp Pro Phe Tyr Thr Tyr Pro Met Ala
100 105 110

gtc cga tgt gac tgt ggg gcg tgt tcc act gcc acc act gag tgt gag 384
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115 120 125

acc atc tga 393

Thr Ile
130

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20 25 30
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35 40 45
Gly Cys Arg Gly Leu Arg Ile Thr Thr Asp Ala Cys Trp Gly Arg Cys
50 55 60
Glu Thr Trp Glu Lys Pro Ile Leu Glu Pro Pro Tyr Ile Glu Ala Tyr
65 70 75 80
His Arg Val Cys Thr Tyr Asn Glu Thr Arg Gln Val Thr Val Lys Leu
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Pro Asn Cys Ala Pro Gly Val Asp Pro Phe Tyr Thr Tyr Pro Met Ala
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32

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24

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<210> 28
 <211> 151
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 cagacagggtg acagtgaagc tgcctaactg tgccccctgga gtcgatacctt tctacaccta 180
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 catctga 247

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<213> Homo sapiens
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<213> Homo sapiens

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gtcacctgag aagaggggag tttctgcttc ttccctgcct ctgcctggcc cttctaaacc	180
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<210> 41

<211> 22

<212> DNA

<213> Homo sapiens

<400> 41

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<210> 42

<211> 23

<212> DNA

<213> Homo sapiens

<400> 42

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<210> 43

<211> 32

<212> DNA

<213> Homo sapiens

<400> 43

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<210> 44

<211> 32

<212> DNA

<213> Homo sapiens

<400> 44

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